ENTERED OIPE

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: US/10/000,157 TIME: 13:20:40

Input Set : A:\P1381R1C1P4(US)_Sequence_listing_as_filed.wpd
Output Set: N:\CRF3\03262002\J000157.raw

```
 3 <110> APPLICANT: Chen, Jian
 4         Filvaroff, Ellen
 5         Fong, Sherman
 6         Goddard, Audrey
 7         Godowski, Paul L.
 8         Grimaldi, J.Christopher
 9         Gurney, Austin
10         Li, Hanzhong
11         Hillan, Kenneth J.
12         Hymowitz, Sarah
13         Tumas, Daniel
14         Starovasnik, Melissa.
15         VanLookeren, Menno
16         Vandlen, Richard
17         Watanabe, Colin
18         Williams, P.Mickey
19         Wood, William
20         Yansura, Daniel
22 <120> TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
24 <130> FILE REFERENCE: P1381R1C1P4(US)
26 <140> CURRENT APPLICATION NUMBER: US 10/000,157
27 <141> CURRENT FILING DATE: 2001-10-30
29 <150> PRIOR APPLICATION NUMBER: 60/085579
30 <151> PRIOR FILING DATE: 1998-05-15
32 <150> PRIOR APPLICATION NUMBER: 60/113621
33 <151> PRIOR FILING DATE: 1998-12-23
35 <150> PRIOR APPLICATION NUMBER: 60/130232
36 <151> PRIOR FILING DATE: 1999-04-21
38 <150> PRIOR APPLICATION NUMBER: 60/131022
39 <151> PRIOR FILING DATE: 1999-04-26
41 <150> PRIOR APPLICATION NUMBER: 60/134287
42 <151> PRIOR FILING DATE: 1999-05-14
44 <150> PRIOR APPLICATION NUMBER: 60/138387
45 <151> PRIOR FILING DATE: 1999-06-09
47 <150> PRIOR APPLICATION NUMBER: 60/172096
48 <151> PRIOR FILING DATE: 1999-12-23
50 <150> PRIOR APPLICATION NUMBER: 60/175481
51 <151> PRIOR FILING DATE: 2000-01-11
53 <150> PRIOR APPLICATION NUMBER: 60/191007
54 <151> PRIOR FILING DATE: 2000-03-21
56 <150> PRIOR APPLICATION NUMBER: 60/213807
57 <151> PRIOR FILING DATE: 2000-06-22
59 <150> PRIOR APPLICATION NUMBER: 60/242837
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/000,157

DATE: 03/26/2002
TIME: 13:20:40

Input Set : **A:\P1381R1C1P4(US)_Sequence_listing_as_filed.wpd**
Output Set: **N:\CRF3\03262002\J000157.raw**

```
 60 <151> PRIOR FILING DATE: 2000-10-24
 62 <150> PRIOR APPLICATION NUMBER: 60/244072
 63 <151> PRIOR FILING DATE: 2000-10-26
 65 <150> PRIOR APPLICATION NUMBER: 60/253646
 66 <151> PRIOR FILING DATE: 2000-11-28
 68 <150> PRIOR APPLICATION NUMBER: 09/311832
 69 <151> PRIOR FILING DATE: 1999-05-14
 71 <150> PRIOR APPLICATION NUMBER: 09/380138
 72 <151> PRIOR FILING DATE: 1999-08-25
 74 <150> PRIOR APPLICATION NUMBER: 09/380142
 75 <151> PRIOR FILING DATE: 1999-08-25
 77 <150> PRIOR APPLICATION NUMBER: 09/644848
 78 <151> PRIOR FILING DATE: 2000-08-22
 80 <150> PRIOR APPLICATION NUMBER: 09/747259
 81 <151> PRIOR FILING DATE: 2000-12-20
 83 <150> PRIOR APPLICATION NUMBER: 09/816744
 84 <151> PRIOR FILING DATE: 2001-03-22
 86 <150> PRIOR APPLICATION NUMBER: 09/854208
 87 <151> PRIOR FILING DATE: 2001-05-10
 89 <150> PRIOR APPLICATION NUMBER: 09/854280
 90 <151> PRIOR FILING DATE: 2001-05-10
 92 <150> PRIOR APPLICATION NUMBER: 09/874503
 93 <151> PRIOR FILING DATE: 2001-06-05
 95 <150> PRIOR APPLICATION NUMBER: 09/908827
 96 <151> PRIOR FILING DATE: 2001-07-18
 98 <150> PRIOR APPLICATION NUMBER: 09/918585
 99 <151> PRIOR FILING DATE: 2001-07-30
101 <150> PRIOR APPLICATION NUMBER: 09/929404
102 <151> PRIOR FILING DATE: 2001-08-13
104 <150> PRIOR APPLICATION NUMBER: 09/931836
105 <151> PRIOR FILING DATE: 2001-08-16
107 <150> PRIOR APPLICATION NUMBER: PCT/US99/05028
108 <151> PRIOR FILING DATE: 1999-03-08
110 <150> PRIOR APPLICATION NUMBER: PCT/US99/10733
111 <151> PRIOR FILING DATE: 1999-05-14
113 <150> PRIOR APPLICATION NUMBER: PCT/US99/31274
114 <151> PRIOR FILING DATE: 1999-12-30
116 <150> PRIOR APPLICATION NUMBER: PCT/US00/04341
117 <151> PRIOR FILING DATE: 2000-02-18
119 <150> PRIOR APPLICATION NUMBER: PCT/US00/05601
120 <151> PRIOR FILING DATE: 2001-03-01
122 <150> PRIOR APPLICATION NUMBER: PCT/US00/05841
123 <151> PRIOR FILING DATE: 2000-03-02
125 <150> PRIOR APPLICATION NUMBER: PCT/US00/07532
126 <151> PRIOR FILING DATE: 2000-03-21
128 <150> PRIOR APPLICATION NUMBER: PCT/US00/15264
129 <151> PRIOR FILING DATE: 2000-06-02
131 <150> PRIOR APPLICATION NUMBER: PCT/US00/23328
132 <151> PRIOR FILING DATE: 2000-08-24
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/000,157

DATE: 03/26/2002
TIME: 13:20:40

Input Set : A:\P1381R1C1P4(US)_Sequence_listing_as_filed.wpd
Output Set: N:\CRF3\03262002\J000157.raw

```
134 <150> PRIOR APPLICATION NUMBER: PCT/US00/30873
135 <151> PRIOR FILING DATE: 2000-11-10
137 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
138 <151> PRIOR FILING DATE: 2000-12-01
140 <150> PRIOR APPLICATION NUMBER: PCT/US00/34956
141 <151> PRIOR FILING DATE: 2000-12-20
143 <150> PRIOR APPLICATION NUMBER: PCT/US01/06520
144 <151> PRIOR FILING DATE: 2001-02-28
146 <150> PRIOR APPLICATION NUMBER: PCT/US01/17800
147 <151> PRIOR FILING DATE: 2001-06-01
149 <150> PRIOR APPLICATION NUMBER: PCT/US01/19692
150 <151> PRIOR FILING DATE: 2001-06-20
152 <150> PRIOR APPLICATION NUMBER: PCT/US01/21066
153 <151> PRIOR FILING DATE: 2001-06-29
155 <150> PRIOR APPLICATION NUMBER: PCT/US01/21735
156 <151> PRIOR FILING DATE: 2001-07-09
158 <160> NUMBER OF SEQ ID NOS: 39
160 <210> SEQ ID NO: 1
162 <211> LENGTH: 687
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo Sapien
166 <400> SEQUENCE: 1
167   aggcgggcag cagctgcagg ctgaccttgc agcttggcgg aatggactgg 50
169   cctcacaacc tgctgtttct tcttaccatt tccatcttcc tggggctggg 100
171   ccagcccagg agccccaaaa gcaagaggaa ggggcaaggg cggcctgggc 150
173   ccctggcccc tggccctcac caggtgccac tggacctggt gtcacggatg 200
175   aaaccgtatg cccgcatgga ggagtatgag aggaacatcg aggagatggt 250
177   ggcccagctg aggaacagct cagagctggc ccagagaaag tgtgaggtca 300
179   acttgcagct gtggatgtcc aacaagagga gcctgtctcc ctggggctac 350
181   agcatcaacc acgaccccag ccgtatcccc gtggacctgc cggaggcacg 400
183   gtgcctgtgt ctgggctgtg tgaacccctt caccatgcag gaggaccgca 450
185   gcatggtgag cgtgccggtg ttcagccagg ttcctgtgcg ccgccgcctc 500
187   tgcccgccac cgccccgcac agggccttgc cgccagcgcg cagtcatgga 550
189   gaccatcgct gtgggctgca cctgcatctt ctgaatcacc tggcccagaa 600
191   gccaggccag cagcccgaga ccatcctcct tgcacctttg tgccaagaaa 650
193   ggcctatgaa aagtaaacac tgacttttga aagcaag 687
195 <210> SEQ ID NO: 2
196 <211> LENGTH: 180
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo Sapien
200 <400> SEQUENCE: 2
201   Met Asp Trp Pro His Asn Leu Leu Phe Leu Leu Thr Ile Ser Ile
202    1               5                  10                  15
204   Phe Leu Gly Leu Gly Gln Pro Arg Ser Pro Lys Ser Lys Arg Lys
205                  20                  25                  30
207   Gly Gln Gly Arg Pro Gly Pro Leu Ala Pro Gly Pro His Gln Val
208                  35                  40                  45
210   Pro Leu Asp Leu Val Ser Arg Met Lys Pro Tyr Ala Arg Met Glu
211                  50                  55                  60
```

```
213  Glu Tyr Glu Arg Asn Ile Glu Glu Met Val Ala Gln Leu Arg Asn
214               65              70              75
216  Ser Ser Glu Leu Ala Gln Arg Lys Cys Glu Val Asn Leu Gln Leu
217               80              85              90
219  Trp Met Ser Asn Lys Arg Ser Leu Ser Pro Trp Gly Tyr Ser Ile
220               95             100             105
222  Asn His Asp Pro Ser Arg Ile Pro Val Asp Leu Pro Glu Ala Arg
223              110             115             120
225  Cys Leu Cys Leu Gly Cys Val Asn Pro Phe Thr Met Gln Glu Asp
226              125             130             135
228  Arg Ser Met Val Ser Val Pro Val Phe Ser Gln Val Pro Val Arg
229              140             145             150
231  Arg Arg Leu Cys Pro Pro Pro Pro Arg Thr Gly Pro Cys Arg Gln
232              155             160             165
234  Arg Ala Val Met Glu Thr Ile Ala Val Gly Cys Thr Cys Ile Phe
235              170             175             180
237  <210> SEQ ID NO: 3
238  <211> LENGTH: 1047
239  <212> TYPE: DNA
240  <213> ORGANISM: Homo Sapien
242  <400> SEQUENCE: 3
243   gccaggtgtg caggccgctc caagcccagc ctgccccgct gccgccacca 50
245   tgacgctcct ccccggcctc ctgtttctga cctggctgca cacatgcctg 100
247   gcccaccatg acccctccct caggggggcac ccccacagtc acggtacccc 150
249   acactgctac tcggctgagg aactgccccct cggccaggcc cccccacacc 200
251   tgctggctcg aggtgccaag tgggggcagg ctttgcctgt agccctggtg 250
253   tccagcctgg aggcagcaag ccacagggggg aggcacgaga ggccctcagc 300
255   tacgacccag tgcccggtgc tgcggccgga ggaggtgttg gaggcagaca 350
257   cccaccagcg ctccatctca ccctggagat accgtgtgga cacggatgag 400
259   gaccgctatc cacagaagct ggccttcgcc gagtgcctgt gcagaggctg 450
261   tatcgatgca cggacgggcc gcgagacagc tgcgctcaac tccgtgcggc 500
263   tgctccagag cctgctggtg ctgcgccgcc ggccctgctc ccgcgacggc 550
265   tcggggctcc ccacacctgg ggcctttgcc ttccacaccg agttcatcca 600
267   cgtccccgtc ggctgcacct gcgtgctgcc ccgttcagtg tgaccgccga 650
269   ggccgtgggg cccctagact ggacacgtgt gctccccaga gggcacccc 700
271   tatttatgtg tatttattgt tatttatatg cctcccccaa cactaccctt 750
273   ggggtctggg cattccccgt gtctggagga cagcccccca ctgttctcct 800
275   catctccagc ctcagtagtt gggggtagaa ggagctcagc acctcttcca 850
277   gcccttaaag ctgcagaaaa ggtgtcacac ggctgcctgt accttggctc 900
279   cctgtcctgc tcccggcttc ccttacccta tcactggcct caggccccgc 950
281   aggctgcctc ttcccaacct ccttggaagt acccctgttt cttaaacaat 1000
283   tatttaagtg tacgtgtatt attaaactga tgaacacatc cccaaaa 1047
285  <210> SEQ ID NO: 4
286  <211> LENGTH: 197
287  <212> TYPE: PRT
288  <213> ORGANISM: Homo Sapien
290  <400> SEQUENCE: 4
291  Met Thr Leu Leu Pro Gly Leu Leu Phe Leu Thr Trp Leu His Thr
292    1               5              10              15
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/000,157

DATE: 03/26/2002
TIME: 13:20:40

Input Set : A:\P1381R1C1P4(US)_Sequence_listing_as_filed.wpd
Output Set: N:\CRF3\03262002\J000157.raw

```
294  Cys Leu Ala His His Asp Pro Ser Leu Arg Gly His Pro His Ser
295              20                  25                  30
297  His Gly Thr Pro His Cys Tyr Ser Ala Glu Glu Leu Pro Leu Gly
298              35                  40                  45
300  Gln Ala Pro Pro His Leu Leu Ala Arg Gly Ala Lys Trp Gly Gln
301              50                  55                  60
303  Ala Leu Pro Val Ala Leu Val Ser Ser Leu Glu Ala Ala Ser His
304              65                  70                  75
306  Arg Gly Arg His Glu Arg Pro Ser Ala Thr Thr Gln Cys Pro Val
307              80                  85                  90
309  Leu Arg Pro Glu Glu Val Leu Glu Ala Asp Thr His Gln Arg Ser
310              95                  100                 105
312  Ile Ser Pro Trp Arg Tyr Arg Val Asp Thr Asp Glu Asp Arg Tyr
313              110                 115                 120
315  Pro Gln Lys Leu Ala Phe Ala Glu Cys Leu Cys Arg Gly Cys Ile
316              125                 130                 135
318  Asp Ala Arg Thr Gly Arg Glu Thr Ala Ala Leu Asn Ser Val Arg
319              140                 145                 150
321  Leu Leu Gln Ser Leu Leu Val Leu Arg Arg Arg Pro Cys Ser Arg
322              155                 160                 165
324  Asp Gly Ser Gly Leu Pro Thr Pro Gly Ala Phe Ala Phe His Thr
325              170                 175                 180
327  Glu Phe Ile His Val Pro Val Gly Cys Thr Cys Val Leu Pro Arg
328              185                 190                 195
330  Ser Val
333  <210> SEQ ID NO: 5
334  <211> LENGTH: 1320
335  <212> TYPE: DNA
336  <213> ORGANISM: Homo Sapien
338  <400> SEQUENCE: 5
339   ggcttgctga aaataaaatc aggactccta acctgctcca gtcagcctgc 50
341   ttccacgagg cctgtcagtc agtgcccgac ttgtgactga gtgtgcagtg 100
343   cccagcatgt accaggtcag tgcagagggc tgcctgaggg ctgtgctgag 150
345   agggagagga gcagagatgc tgctgagggt ggagggaggc caagctgcca 200
347   ggtttggggc tgggggccaa gtggagtgag aaactgggat cccagggga 250
349   gggtgcagat gagggagcga cccagattag gtgaggacag ttctctcatt 300
351   agccttttcc tacaggtggt tgcattcttg gcaatggtca tgggaaccca 350
353   cacctacagc cactggccca gctgctgccc cagcaaaggg caggacacct 400
355   ctgaggagct gctgaggtgg agcactgtgc ctgtgcctcc cctagagcct 450
357   gctaggccca accgccaccc agagtcctgt agggccagtg aagatggacc 500
359   cctcaacagc agggccatct cccctggag atatgagttg acagagact 550
361   tgaaccggct cccccaggac ctgtaccacg cccgttgcct gtgcccgcac 600
363   tgcgtcagcc tacagacagg ctcccacatg gaccccgg gcaactcgga 650
365   gctgctctac cacaaccaga ctgtcttcta caggcggcca tgccatggcg 700
367   agaagggcac ccacaaggc tactgcctgg agcgcaggct gtaccgtgtt 750
369   tccttagctt gtgtgtgtgt gcggccccgt gtgatgggct agccggacct 800
371   gctggaggct ggtcccttt tgggaaacct ggagccaggt gtacaaccac 850
373   ttgccatgaa gggccaggat gcccagatgc ttggcccctg tgaagtgctg 900
375   tctggagcag caggatcccg ggacaggatg ggggctttg gggaaaacct 950
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/000,157**

DATE: 03/26/2002
TIME: 13:20:41

Input Set : **A:\P1381R1C1P4(US)_Sequence_listing_as_filed.wpd**
Output Set: **N:\CRF3\03262002\J000157.raw**